

NOTES ON NEW AND NOTEWORTHY PLANTS. LXXXIX

Harold N. Moldenke

*ABRONIA VILLOSA* f. *RUBESCENS* Moldenke, f. nov.

Haec forma a forma typica speciei calycibus rubellis differt.

This form differs from the typical form of the species in having its corolloid calyxes distinctly pure pink or very light pink, rather than deep rose-purple.

The type of the form was collected by Alma L. Moldenke and Harold N. Moldenke (no. 30693) on the desert floor, Mecca, Mohave Desert, Riverside County, California, on April 25, 1976, and is deposited in the Lundell Herbarium at the University of Texas, Dallas. Plants of this form were growing along dry roadsides and on dry road shoulders along with the typical form of the species, but forming very distinct patches or sub-colonies among the normal form, very distinct even from a distance.

*AVICENNIA MARINA* f. *ANGUSTATA* Moldenke, *Phytologia* 23: 425, nom. nud. 1972; f. nov.

Haec forma a forma typica speciei foliorum laminis anguste ellipticis ca. 4—8 cm. longis 1—2.5 cm. latis recedit.

This form differs from the typical form of the species in having its leaf-blades mostly only narrowly elliptic, 4—8 cm. long, and 1—2.5 cm. wide.

The type of this form was collected by Paul Chai (no. S.29949) on consolidated mud near bank in front of Buntal village, Buntal River, First Division, Sarawak, on June 18, 1971, and is deposited in my personal herbarium (at present at Plainfield, New Jersey). The collector describes the plant as a treelet, 4 feet tall, with pneumatophores present, the corollas orange-yellow, and the fruits glaucous-green with a blunt (flat) apex.

*CLERODENDRUM KAEMPFERI* f. *SALMONEUM* Moldenke, f. nov.

Haec forma a forma typica speciei corollis salmonis recedit.

This form differs from the typical form of the species in having its corollas salmon-pink in color during anthesis.

The type of this form was collected by Kai Larsen and Supee S. Larsen (no. 34181) at Khun Yuam, Mashongson, northern Thailand, at 600—700 m. altitude, on September 5, 1974, and is deposited in the Herbarium Jutlandicum at Aarhus University.

*CLERODENDRUM VISCOSUM* var. *HELPERI* Moldenke, var. nov.

Haec varietas a forma typica speciei foliorum laminis ellipticis margine minute serrulatis recedit.

This variety differs from the typical form of the species in having its leaf-blades uniformly elliptic, 11—17 cm. long, 7—10 cm. wide, rather sparsely pilosulous beneath, mostly only minutely serrulate along the margins.

The type of this variety was collected by Johann Wilhelm Helfer (no. 6053) — in whose honor it is named — somewhere in Tenasserim, Burma, in or before 1862, and is deposited in the Torrey Herbarium at the New York Botanical Garden.

*GLOSSOCARYA SIAMENSIS* var. *PUBESCENS* Moldenke, var. nov.

Haec varietas a forma typica speciei inflorescentiis densiore patenteque pubescentibus et foliorum laminis subtus plusminusve in venis venulisque pubescentibus recedit.

This variety differs from the typical form of the species in having the pubescence throughout the inflorescence far more dense, conspicuous, and spreading and the lower leaf-surfaces more or less distinctly spreading-pilose-pubescent, especially on the larger venation.

The type of this variety was collected by James F. Maxwell (no. 71-487) in a dense thicket along a trail at Howa Pie, Ang-thong, Thailand, on August 15, 1971, and is deposited in the Herbarium Jutlandicum at Aarhus University.

*LANTANA LEUCOCARPA* f. *ANOMALA* Moldenke, f. nov.

Haec forma a forma typica speciei laminis foliorum uniforme ellipticis vel ovato-ellipticis subtus pauciore puberulis ad basin plerumque perspicue angustatis, fructibus primo albis maturitate purpureis (in locis apricis) vel constante albis (in locis umbrosis) recedit.

This form differs from the typical form of the species in having its leaf-blades of firmer texture, more uniformly narrow-elliptic or elliptic-ovate, conspicuously narrowed at the base, and less densely pubescent beneath, and the fruit changing from white to purple (in sunny places) or remaining white (in shady places).

The type of the form was collected by R. A. Lowden and J. J. Jiménez (Herb. Jiménez 8099) at Marilópez, southeast of the city of Santiago, at an altitude of 180 meters, Dominican Republic, on February 8, 1976, and is deposited in my personal herbarium (at present at Plainfield, New Jersey). The collectors describe the plant as an "Arbusto erecto, ramoso, formando densos matorrales, fuertemente aromático, hasta 80 cm. de altos; flores moradas; fruto desde blanco hasta púrpúreo; muy abundante en paste; suelo seco".

*VERBENA DOMINGENSIS* f. *FOLIOSA* Moldenke, f. nov.

Haec forma a forma typica speciei foliis numerosis magnis irregulariter incisis utrinsecus hirtulis recedit.

This form differs from the typical form of the species in having more numerous and larger leaves, ovate in outline, 3—8 cm. long, 2—4 cm. wide, irregularly and deeply incised, conspicuously scattered-hirsute on both surfaces.

The type of this form was collected by Alain H. Liogier (no. 1681/6) in thickets at the bottom of a gorge or ravine, on limestone, about 5 miles west of Aceitillar, Baoruco Mountains, Peder-

nales, at an altitude of 1400 meters, on November 9, 1969, and deposited in the Britton Herbarium at the New York Botanical Garden. The collector describes the plant as herbaceous, erect, and 60 cm. tall.

*VERBENA HALEI* f. *PARVIFLORA* Moldenke, f. nov.

Haec forma a forma typica speciei corollae limbis duplo brevioribus recedit.

This form differs from the typical form of the species in having its corolla-limb about half the size, only about 3 mm. in diameter during full anthesis.

The type of the form was collected by M. C. Johnston, L. A. Johnston, A. Saustrop, D. Darr, and B. Darr (M. C. Johnston 12436b) 0.5 km. from the bay, Galveston Island State Park, Galveston County, Texas, on April 4, 1976, and is deposited in my personal herbarium (at present at Plainfield, New Jersey). The collectors report that it is a very rare form, only a single plant having been seen by them, growing among a profusion of the normal form. They describe it as an erect perennial herb, about 8 dm. tall, the corollas pale flesh-violet in color, the flowers small and crowded in the spike, "apparently not setting seed (?)"

*VERBENA RIGIDA* f. *PARAGUAYENSIS* Moldenke, f. nov.

Haec forma a forma typica speciei ramis foliorum laminisque densissime hirtulis recedit.

This form differs from the typical form of the species and its var. *reineckii* (Briq.) Moldenke in having the stems very densely hirtulous-pubescent and the lower leaf-surfaces much more conspicuously hirtulous-pubescent throughout.

The type of this form was collected by Teodoro Rojas (no. 3407; Hort. Parag. 11794) at Carapegná, Paraguay, in February, 1919, and is deposited in the herbarium of the Botanische Staatssammlung in Munich.

*VITEX VESTITA* f. *QUINQUEFOLIOLATA* Moldenke, f. nov.

Haec forma a forma typica speciei foliolis 5 recedit.

This form differs from the typical form of the species and all other described varieties in having 5 leaflets per leaf, the two lowermost very small but otherwise resembling the other three.

The type of this form was collected by James F. Maxwell (no. 73-232) at Muang Ceha, Kritty, Kanchanaburi, Thailand, at 100 m. altitude, on July 9, 1973, and is deposited in the Herbarium Jutlandicum at Aarhus University.